BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of work: Estimate for Providing RCC Drains and Covering Slab at Chokkanahalli Village in Ward No.05, Byatarayanapura Sub Division.

								Estimate Cost Rs.	1999000.00
Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300-1 Earth work excavation by manual means in hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m. excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications.MORTH chapter 3. No. 152/ Item No. 19.2/ PWD SR 2013-14	cum							
	Avinash Reddy House Raod		1	171.00	0.90	0.90	138.51		
	Nagaraj House Road LHS		1	139.25	0.90	0.90	112.79		
	RHS		1	108.00	0.90	0.90	87.48		
							338.58	90.72	**30716.00**
	Basic Rate	84.00							
	Area Weightage @ 8%	6.72							
	Total	**90.72**							
2	KSRB-4-1.3 Providing and laying in position plain **cement concrete of mix M 7.5** withOPC cement at 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2, No. 12/ Item No. 4.3/ PWD SR 2013-14	Cum							
	Avinash Reddy House Raod		1	171.00	0.90	0.15	23.09		
	Nagaraj House Road LHS		1	139.25	0.90	0.15	18.80		
	RHS		1	108.00	0.90	0.15	14.58		
							53.18	4290.84	**228187.00**
	Basic Rate	3973.00							
	Area Weightage @ 8%	317.84							
	Total	**4290.84**							
3	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications.Specification NO. KBS 4.6.2 Page No. 16/ Item No. 4.28/ PWD SR 2013-14	**Sqm**							
	Avinash Reddy House Raod		2X2	171.00		0.90	615.60		
	Nagaraj House Road		2X2	139.25		0.90	501.30		
			2X2	108.00		0.90	388.80		

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
							1504.80	224.64	**338038.00**
	Basic Rate	208.00							
	Area Weightage @ 8%	16.64							
	Total	**224.64**							
4	KSRB 4.2.2 : Providing and laying in position **Reinforced cement concrete of mix M20** withOPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum with superplastesisre @ 3lts conforming to IS9103-1999Reffirmed machine mixed exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, walls(any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses,	Cum							
	Avinash Reddy House Raod		1	171.00	0.90	0.10	**15.39**		
	Nagaraj House Road		1	139.25	0.90	0.10	**12.53**		
			1	108.00	0.90	0.10	**9.72**		
	For Side Walls								
	Avinash Reddy House Raod		1X2	171.00	0.10	0.60	**20.52**		
	Nagaraj House Road		1X2	139.25	0.10	0.60	**16.71**		
			1X2	108.00	0.10	0.60	**12.96**		
							87.78	5639.76	**495058.00**
	Basic Rate	5222.00							
	Area Weightage @ 8%	417.76							
	Total	**5639.76**							
5	KSRB 4.9.2:providing **T.M.T steel** reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications. FE 415	Qtl							
	0.50 Qtl/Cum		0.50	87.78			**43.89**	7380.72	**323940.00**
	Basic Rate	6834.00							
	Area Weightage @ 8%	546.72							
	Total	**7380.72**							
6	Precast slab 20mm and down size for slab (including steel reinforcement) including centring and shutterng machine mixed concrete laid in layers not exceeding 15cms thick well compacted cost of all materials labour HOM of machineries curing complete as per specifications c.c 1:1.5:3 Including all cost of Matirial (DATA RATE ENCLOSED) 10cm thick RCC pre cast slab	Sqm							
	Covering Slabs		2	99.00	0.90		178.20		

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			2	110.00	0.90		198.00		
							376.20	1427.15	**536894.00**
	Data Rate	**1427.15**							
7	Lead for Disposal of Debris shall be payable at carage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km (Page No.123,	Cum							
			Qty. Vide Item No. 1				**338.58**	72.71	**24617.00**
	Basic Rate Lead Charges Upto 2.00 Kms	5.12							
	PWD SR 2010-11 (P.118/I.17.1) For loading and unloading	62.20							
		67.32							
	Area Weightage @ 8%	5.39							
	Total	**72.71**							
8	For Third Party QC Charges 1% of Estimate Cost								**19990.00**
9	Miscesallaneous Charges	L/S							**1560.00**
								Total	**1999000.00**

(Rupees Ninteen Lakhs Ninty nine Thousand Only)

Certificate:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per PWD SR of 2012-13
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

B.N.Ramesh
Assistant Engineer

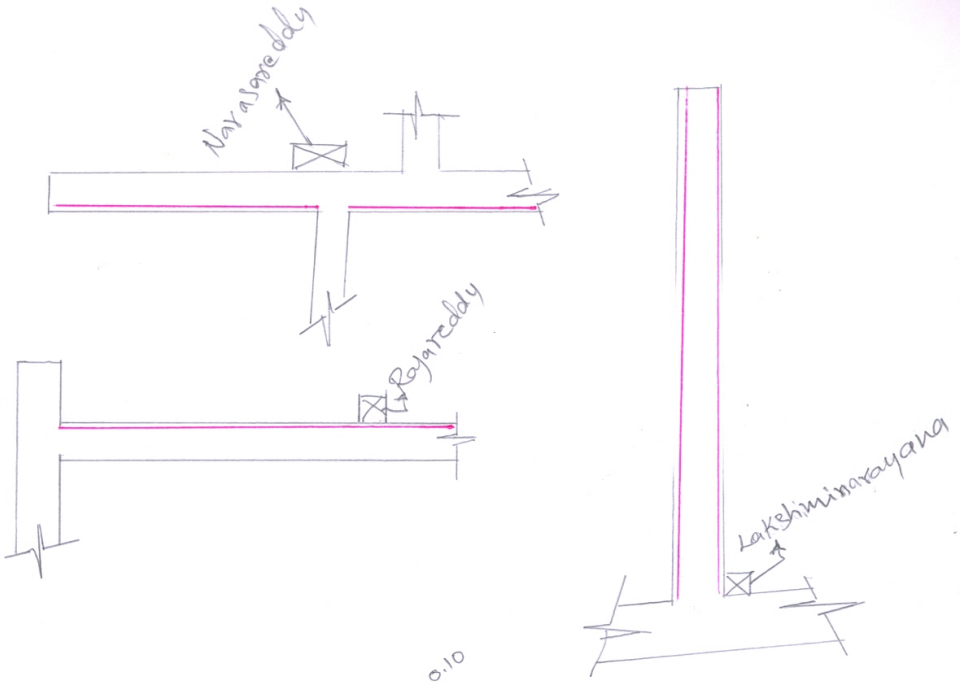
Asst. Exe. Engineer
Byatarayanapura Sub Division

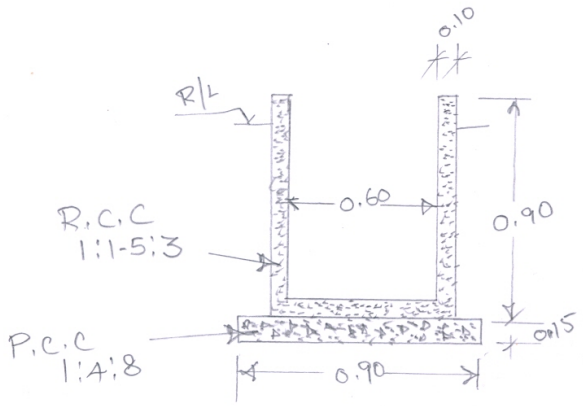
Executive Engineer
Byatarayanapura Division

ADMINISTRATIVELY SANCTIONED FOR Rs. 19.99 lakhs
Rupees Ninteen lakhs
ninty nine thousand
Under
EE(B)
Registered as EE ( ) No 9 ..9.....
Subject to conditions contained in
enclosed memo EE ( ) No /9/....
Dt Estimate A/S sanctioned
JC(Y) ppsl No. AS 446 /13-14
dated 5,11-2013 Rs 19.99 lakhs

Joint Commissioner
(Yelahanka Zone)
BBMP, Bengaluru-92

proposed R.C.C. Drain.





CROSS SECTION OF RCC DRAIN

AE-05
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ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Assistant Executive Engineer
Byatarayanapura Sub Division
B.B.M.P. Bangalore